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WHAT IS CLAIMED IS:

1	1.	An apparatus for agitating fluids in a container, comprising:
2		a motor for providing a first rotational driving force;
3		a drive cam coupled to said motor for receiving said first rotational driving
4	force and converting said first rotational driving force into a second driving force having a	
5	reciprocal component;	
6		a container holder for holding a fluid container, the contents of which are to be
7	agitated;	
8		a drive shaft coupled to said drive cam and to said container holder for
9	receiving sai	d second driving force and communicating it to said fluid container to agitate the
10	contents ther	eof.

- 2. The apparatus of claim 1 including a drive reducer for coupling said motor to said drive cam.
- 3. The apparatus of claim 1 wherein said drive cam has an offset lobe, and said drive cam is coupled to said drive shaft by said offset lobe.
- 4. The apparatus of claim 2 including a cam shaft, and wherein said drive cam is coupled to said motor by said drive reducer and said cam shaft.
- 5. The apparatus of claim 1 wherein said container holder is rigidly coupled to said drive shaft.
- 1 6. The apparatus of claim 1 wherein said second driving force is operative to 2 produce a vortex-like agitation of a fluid contained in said fluid container.
- 7. The apparatus of claim 1 wherein said drive cam is operative to convert said first rotational driving force into a second driving force having reciprocal and rotational components.
- 1 8. The apparatus of claim 7 wherein said second driving force is operative to 2 produce a vortex-like agitation of a fluid contained in said fluid container.
- 9. A method for agitating fluids in a container, comprising: providing a first rotational driving force;

- converting said first rotational driving force into a second driving force having 3 4 a reciprocal component; and applying said second driving force to a fluid container to agitate the contents 5 of said fluid container. 6 The method of claim 9 wherein said second driving force has reciprocal and 10. 1 2 rotational components. The method of claim 9 wherein the second driving force agitates the contents 11. 1 of said fluid container in a vortex-like manner. 2 The method of claim 10 wherein the second driving force agitates the contents 1 12. of said fluid container in a vortex-like manner. 2 An apparatus for agitating fluids in a container, comprising: 13. first means for providing a first rotational driving force; second means coupled to said first means for receiving said first rotational driving force and converting said first rotational driving force into a second driving force having a reciprocal component; third means for holding a fluid container, the contents of which are to be agitated; and fourth means coupled to said second means and to said third means for receiving said second driving force and communicating it to said fluid container to agitate the 10 contents thereof. The apparatus of claim 13 wherein said second means includes a drive cam. 14. 1 The apparatus of claim 14 wherein said drive cam has an offset lobe, and 15. 1 wherein said fourth means is coupled to said second means by said offset lobe. 2
 - The apparatus of claim 14 including a drive reducer and a cam shaft, and 16. 1
 - wherein said drive cam is coupled to said first means by said drive reducer and said cam 2
 - shaft. 3
 - The apparatus of claim 13 wherein said third means includes a container 17. 1
 - holder, said fourth means includes a drive shaft, and wherein said container holder is rigidly 2
 - 3 coupled to said drive shaft.

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- 1 18. The apparatus of claim 13 wherein said second driving force is operative to 2 produce a vortex-like agitation of a fluid contained in said fluid container.
 - 19. The apparatus of claim 13 wherein said second means is operative to convert said first rotational driving force into a second driving force having reciprocal and rotational components.
- 1 20. The apparatus of claim 19 wherein said second driving force is operative to 2 produce a vortex-like agitation of a fluid contained in said fluid container